

## ABSTRACT

On an information recording medium, an entire stream including a plurality of portion streams, each of which is provided with a series of content information, such as picture information or video information and audio information, is multiplexed-and-recorded by a unit of packet. In the first area of the information recording medium, there is recorded a file for storing object data, which is provided with a plurality of packets, each of which stores therein a piece of the picture information or the audio information. In the second area, which is different from this first area, of the information recording medium, there are recorded information which defines a reproduction sequence of the object data, information which defines a correspondence relationship between a plurality of packets multiplexed on a time axis and the plurality of portion streams, and the like.